



SIRIUS **SHUTTLE**

Home Installation Guide

JHK1



Released 4-28-2004.

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Congratulations

You are one step closer to experiencing Sirius Satellite Radio. Sirius will revolutionize your in-home or vehicle entertainment with:

- 100 streams of original programming, including –
 - 60 streams of completely commercial-free music – guaranteed.
 - 40 streams of news, sports and entertainment
- Coast-to-Coast reception and Digital-quality sound

All music content is selected and developed in-house by Sirius' team of Master Music Programmers – talented and seasoned professionals who love the music as much as the listeners. World-class partners such as ESPN, ABC, CNBC, Bloomberg, Discovery and Radio Disney are developing news, sports and entertainment programming.

Your Jensen Shuttle must be used with an adapter kit, such as the Jensen Home kit or Vehicle/Boat Kit as required by your specific installation needs. These kits are available at retailers where Jensen main units are sold.

Jensen Home Kit: JHK1
Jensen Receiver/Vehicle Kit:CK100SR
Jensen Boom Box/JBX100SR

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Cautions and Warnings

1. Do not install the Shuttle in a position that obstructs viewing of any home entertainment component, such as Television, or stereo system indicators and displays.
2. This unit complies with the interference limits relative to a Class B digital device, applicable under Part 15 of the FCC Rules regarding installation in a residential environment. If the unit is not installed in accordance with these instructions, it could cause harmful interference to radio or television reception. If this condition persists after corrective action, consult your dealer or experienced installation facility.
3. By adhering to these warnings and safety considerations, serious accidents and/or personal injury can be avoided.

Contents JHK1

Install Manual
P/N 1287129



1 pc.

Antenna
(P/N 118C1129)



1 pc.

DC Power Adapter
(P/N 136-3735)



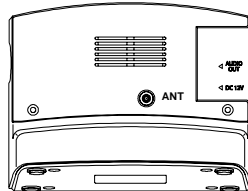
1 pc.

Audio Cable
(P/N 112B3293)



1 pc.

Cradle JHK1
(P/N 136-3734)



1 pc.

Installation/Wiring Precautions

1. Make sure the adapter cable is not connected to an AC wall outlet until all interconnections have been made and verified. The adapter power cable should be connected last.
2. Do not install the unit in the locations exposed to direct sunlight or in areas subject to extreme temperatures.
3. Incorrect installation may cause damage to the system.
4. During antenna placement/installation, refer to the Antenna Aiming procedure outlined on pages 6, 7, and 8.

Setting Up and Installing Your Kit

NOTE: The SIRIUS® signal can be received and processed virtually anywhere as long as there are no obvious satellite signal obstructions such as high terrain, trees, overhangs, etc.

1. Cabling Interconnections

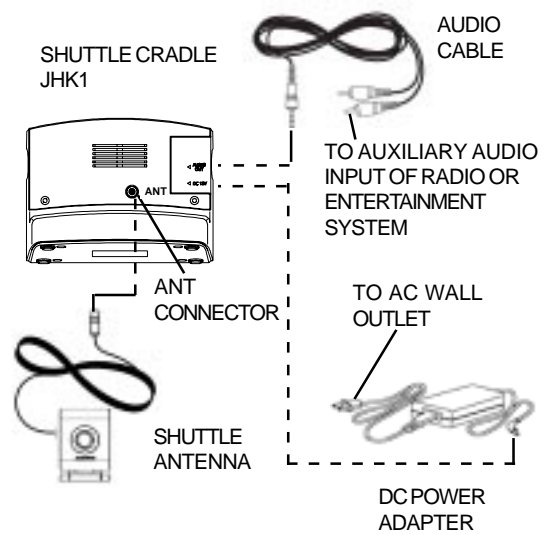
You can begin to enjoy Sirius® Satellite Radio as soon as the Shuttle and home Kit installation are complete. Set up your Jensen Shuttle using the following installation instructions, or enlist the help of a professional installer.

2. Installing/Positioning the Antenna

For best reception, the supplied antenna should be placed near a window; some repositioning may be required to achieve optimum results. The following guidelines are recommended:

- a. In a major city, where Sirius ground repeaters are present, you can usually place the antenna away from a window and still achieve the desired results.

Interconnect Diagram

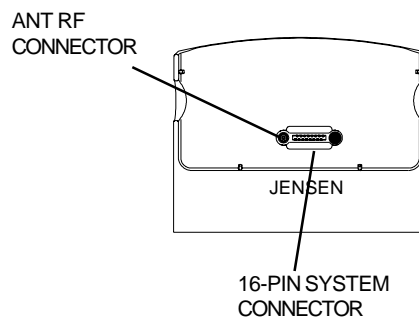


- b. You can also place the antenna outside (on the roof structure), provided it is clear of any overhead obstructions.

NOTE: Because of the orbiting characteristics of the Sirius Satellites, the strength of the received signal may change over time. In most cases however, the signal should be available continuously. If you experience a loss of signal or audio, reposition the antenna inside the home or outside as necessary.

5. *Installing the Shuttle on the Cradle*

Place the Shuttle in the cradle so that the Shuttle connectors are lined up; use the RF connector as a guide. Then gently press in on the bottom of the Shuttle to engage the connectors.



3. *Antenna Placement*

To ensure strong reception in your home, observe the following antenna placement considerations:

- a. For **BEST** reception, place the antenna outside on the roof; the antenna is waterproof. This position will afford the clearest view of the sky for best reception. When placed in this location, an antenna extension cable may be required. Refer to the adjoining map for best pointing directions.

- b. If roof placement is not possible, **BETTER** reception can be achieved by placing the antenna outside a window, or by mounting it to the side of the house. In either case, try to achieve the best possible clear sky conditions as shown.
- c. **GOOD** reception can be achieved by placing your antenna in or near a window, since signal repeaters are used in major metropolitan areas



to boost signal strength. In these cases, the antenna can be placed inside the home. Once again, try to achieve clear sky conditions as shown.

- d. Apply power to the Receiver as outlined in the associated User Guide and obtain an audio output. If no audio is heard, point the antenna in different directions until an audio output is heard. This is the desired antenna aiming position.
- e. After determining the optimum position, turn off Receiver power, disconnect the power adapter from the wall outlet receptacle and disconnect the antenna cable.
- f. Plan the routing of the antenna cable to the Receiver ANTENNA input. Make sure you avoid any obstructions that could crimp, kink or twist the cable; use protective grommets wherever rough openings are encountered.

- g. If the antenna is mounted outside, route the cable from the antenna position to the interior of the home, working the cable through the basement, under a window sill, etc.; make adjustments and take up slack whenever necessary.
- h. Plug the antenna cable into the ANT connector on the back of the Shuttle.
- i. Plug the DC Adapter cable jack into the DC12V receptacle on the back of the Shuttle.
- j. Plug the adapter into a 110-volt wall receptacle.
- k. You are now ready to enjoy Sirius programming within your home.

4. Testing Antenna Signal Strength

When signal strength is weak, the possibility of sound interruption is greater than degradation of sound quality. To minimize signal interruptions, it is wise to test antenna signal strength.

Most Plug & Play systems and home units, such as the Shuttle, have special antenna aiming screens within their menu options. Refer to page 18 of the Plug and Play Shuttle Owner's Manual for Antenna Aiming instructions using the two, 10-segment horizontal bar graphs.

7. Mounting the Antenna

The antenna should be placed on a relatively flat surface whenever possible. To mount the antenna:

- a. Plug the antenna into the ANT connector on the back of the cradle.
- b. Place the antenna at the preferred location inside or outside the home.

- c. Apply power to the Shuttle system as outlined in the associated User Guide and obtain an audio output. If no audio is heard, move the antenna to different positions on the surface until an audio output is heard. This is the desired antenna position and should be marked with masking tape or by another non-scratch method.
- d. After determining the optimum position, turn off Shuttle power, disconnect the power adapter from the wall outlet receptacle and disconnect the antenna cable.
- e. Plan the routing of the antenna cable to the Shuttle RF input. Make sure you avoid any obstructions that could crimp, kink or twist the cable; use protective grommets wherever rough openings are encountered.
- f. If the antenna is mounted outside, route the cable from the antenna position to the interior of the home, working the cable through the basement, under a window sill, etc.; make adjustments and take up slack whenever necessary.
- g. Plug the antenna cable into the ANT connector on the back of the cradle.
- j. Plug the female end of the AC cable into the DC adapter; then plug the DC Adapter jack into the DC 12V receptacle on the cradle.
- k. Plug the other end of the AC cable into a 110-volt wall receptacle; the integral power LED in the Shuttle power button (●) will light red.
- l. You are now ready to enjoy Sirius programming within your home.

JENSEN

12 MONTH LIMITED WARRANTY

AUDIOVOX CORPORATION (the Company) warrants to the original retail purchaser of this product that should this product or any part thereof, under normal use and conditions, be proven defective in material or workmanship within 12 months from the date of original purchase, such defect(s) will be repaired or replaced with new or reconditioned product (at the Company's option) without charge for parts and repair labor.

To obtain repair or replacement within the terms of this Warranty, the product is to be delivered with proof of warranty coverage (e.g. dated bill of sale), specification of defect(s), transportation prepaid, to an approved warranty station or the Company at the address shown below.

This Warranty does not extend to the elimination of externally generated static or noise, to correction of antenna problems, to costs incurred for installation, removal or reinstallation of the product, or to damage to tapes, compact discs, speakers, accessories, or vehicle electrical systems.

This Warranty does not apply to any product or part thereof which, in the opinion of the Company, has suffered or been damaged through alteration, improper installation, mishandling, misuse, neglect, accident, or by removal or defacement of the factory serial number/bar code label(s). THE EXTENT OF THE COMPANY'S LIABILITY UNDER THIS WARRANTY IS LIMITED TO THE REPAIR OR REPLACEMENT PROVIDED ABOVE AND, IN NO EVENT, SHALL THE COMPANY'S LIABILITY EXCEED THE PURCHASE PRICE PAID BY PURCHASER FOR THE PRODUCT.

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